



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

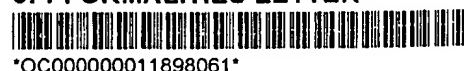
U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/720,363	Hidetoshi Arima	MUR-025-USA-PCT

Townsend & Banta  
 601 Pennsylvania Avenue, N W  
 Suite 900, South Building  
 Washington, DC 20004



INTERNATIONAL APPLICATION NO.	
PCT/JP99/03315	
I.A. FILING DATE	PRIORITY DATE
06/22/1999	06/24/1998

CONFIRMATION NO. 9423  
 371 FORMALITIES LETTER



\*OC000000011898061\*

Date Mailed: 02/12/2004

## NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- Priority Document
- Copy of the International Application filed on 12/22/2000
- English Translation of the IA filed on 12/22/2000
- Copy of the International Search Report filed on 12/22/2000
- Copy of IPE Report filed on 12/22/2000
- Biochemical Sequence Diskette filed on 01/25/2001
- Oath or Declaration filed on 12/22/2000
- Biochemical Sequence Listing filed on 03/21/2003
- Request for Immediate Examination filed on 12/22/2000
- Copy of references cited in ISR filed on 12/22/2000
- U.S. Basic National Fees filed on 12/22/2000
- Assignment filed on 12/22/2000

Applicant's response filed 03/21/2003 is hereby acknowledged. The following requirements set forth in the NOTIFICATION of MISSING REQUIREMENTS mailed 04/04/2001 have not been completed.

The following items **MUST** be furnished within the period set forth below:

- The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):
  - See the attached CRF Problem Report.
  - APPLICANT MUST PROVIDE:
    - An initial or substitute paper copy or compact disc of the "Sequence Listing," as well as an amendment directing its entry into the specification.
- For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:
  - For Rules Interpretation, call (703) 308-4216
  - To Purchase PatentIn Software, call (703) 306-2600

- For PatentIn Software Problem Help, call (703) 306-4119 or e-mail at [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or [21help@uspto.gov](mailto:21help@uspto.gov)

Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

JOHN L ANDERSON

Telephone: (703) 308-9116

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
09/720,363	PCT/JP99/03315	MUR-025-USA-PCT

Mail with Form

PJ/09



BIOTECHNOLOGY  
SYSTEMS  
BRANCH



## CRF Problem Report

The Scientific and Technical Information Center (STIC) experienced a problem when processing the following computer readable form (CRF):

Application Serial Number: 09/720,363B  
Filing Date: 12/22/00  
Date Processed by STIC: 1/15/04

STIC Contact: Mark Spencer: Telephone: 703-308-4212; Fax: 703-308-4221  
Effective 12/13/03: Telephone: 571-272-2510; Fax: 571-273-0221

### Nature of Problem:

The CRF (was):

- ☐ (circle one) Damaged or Unreadable (for Unreadable, see attached)  
☐ Blank (no files on CRF) (see attached)  
☐ Empty file (filename present, but no bytes in file) (see attached)  
☐ Virus-infected. Virus name: \_\_\_\_\_ The STIC will not process the CRF.  
☐ Not saved in ASCII text  
☒ Sequence Listing was embedded in the file. According to Sequence Rules, submitted file should only be the Sequence Listing.  
☐ Did not contain a Sequence Listing. (see attached sample)  
☐ Other: \_\_\_\_\_

PLEASE USE THE CHECKER VERSION 4.1 PROGRAM TO REDUCE ERRORS.  
SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

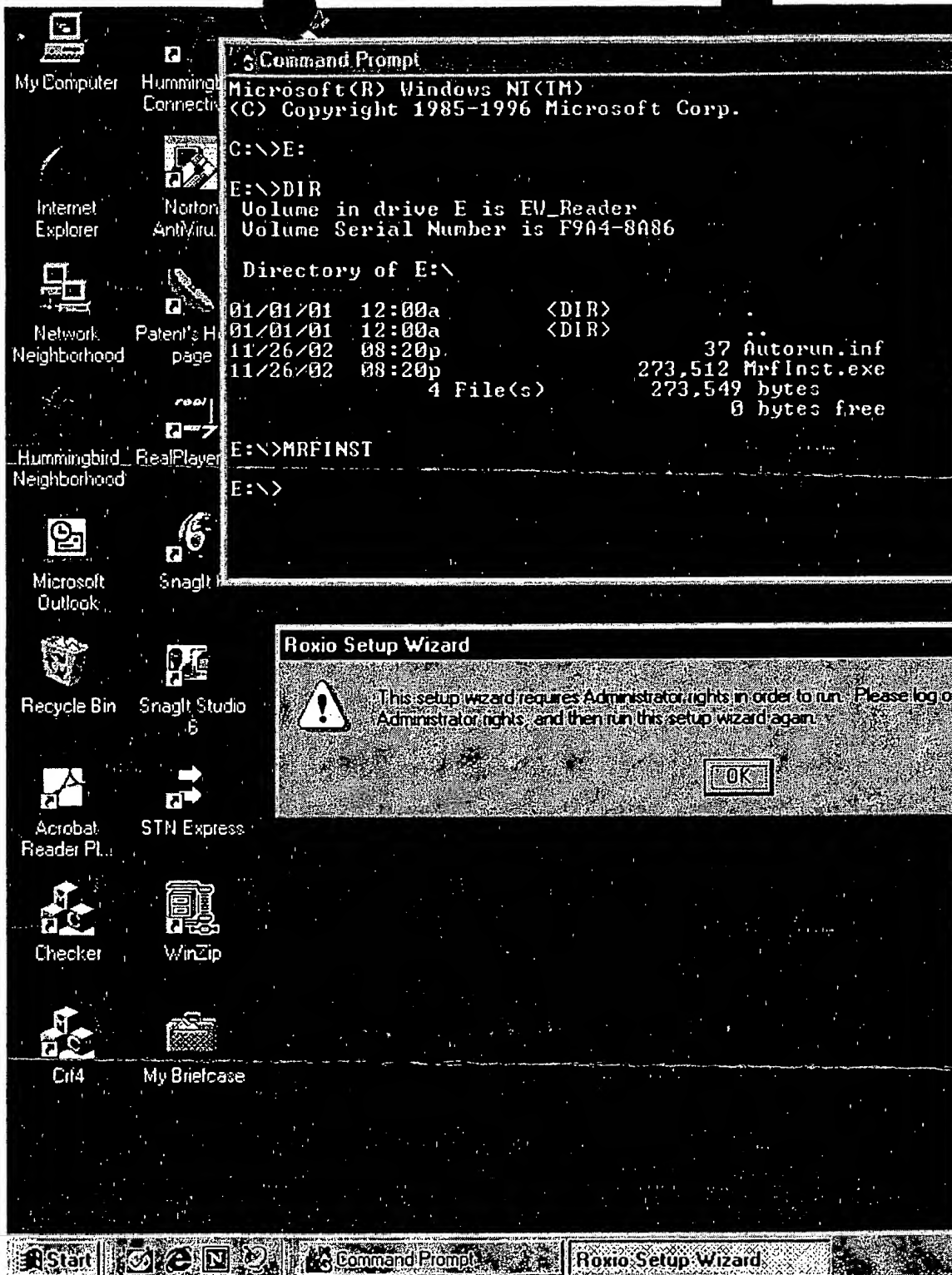
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebs/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/2003):  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03

09/720,363 B



Submitted  
CD contained  
two files:  
"Autorun.inf"  
and  
"MrfInst.exe"

← upon  
attempting  
to open  
"MrfInst.exe"  
file, the  
following  
message  
appeared  
←

BEST AVAILABLE COPY